

Learning Resources (basics)	Author	Category	Commercial	Link
Kubernetes.IO Documentation Kubernetes.IO Tutorials	kubernetes.io (community)	origin	No	https://kubernetes.io/docs/home/
Free Kubernetes Fundamental Training Slides (v0.0.6) Running Kubernetes Locally via Minikube	Kubernauts Community kubernetes.io (community)	Presentation origin	No No	https://goo.gl/Hzk2sd https://kubernetes.io/docs/getting-started-guides/minikube/
Kubernetes - A Comprehensive Overview The best Minikube tutorial ever	Bob Killen	Presentation	No	https://www.slideshare.net/BobKillen/kubernetes-a-comprehensive-overview-updated
Kubernetes Beginner's Guide: Learning the basics in an hour	Abhishek Tiwari ???	article Intro	No No	https://abhishek-tiwari.com/local-development-environment-for-kubernetes-using-minikube/ https://www.weave.works/kubernetes-beginners-guide/
Kubernetes Bootcamp	Container Solutions & Remember to Play	Interactive	No	https://kubernetesbootcamp.github.io/kubernetes-bootcamp/
Kubernetes Fundamentals (LFS258) Fundamentals of Containers, Kubernetes, and Red Hat OpenShift	Linux Foundation / Sebastien Goasguen Zach Gutterman / Zach Gutterman	course course	Yes No	https://training.linuxfoundation.org/linux-courses/system-administration-training/kubernetes-fundamentals https://www.edx.org/course/fundamentals-containers-kubernetes-red-hat-do081xf#
Kubernetes Training Online	Edward Viaene	E-Learning	Yes	http://how-to-learn-online.com/kubernetes-training-online
The Children's Illustrated Guide to Kubernetes	Matt Butcher	Illustration	No	https://deis.com/blog/2016/kubernetes-illustrated-guide/
Introduction to Kubernetes and Containers class How does it work? Kubernetes! Episode 1 - 5	By Heptio University @sebiwicb	Virtual Class Episode	Yes	https://www.eventbrite.com/e/introduction-to-kubernetes-and-containers-virtual-class-tickets-33363759904 https://sebiwi.github.io/blog/how-does-it-work-kube-1/
Learning Docker and Kubernetes by Practice (on Updating)	Peng Xiao	E-Learning	Yes	https://www.udemy.com/learning-docker-and-k8s-by-practice/
Scalable Microservices with Kubernetes	By Udacity	course	No	https://www.udacity.com/course/scalable-microservices-with-kubernetes--ud615
KUB-100 KUBERNETES FUNDAMENTALS	By kumul.us	course	Yes	https://kumul.us/learn-kubernetes-fundamentals-online/
Getting Started with Kubernetes	Arun Gupta	Intro	No	https://dzone.com/refcardz/kubernetes-essentials
Kubernetes Patterns	Bilgin Ibryam / Roland Huß	Book	Yes	https://leanpub.com/k8spatterns/
Kubernetes Production Patterns	Gravitational team	Patterns		https://github.com/gravitational/workshop/blob/master/k8sprod.md
Self-guided "k8s-workshops"	@ryanj	Presentation	No	bit.ly/k8s-workshops
Kubernetes 101	@bjbeda	Presentation	No	http://slides eightypercent.net/kubernetes-101/#1
Getting Started With Kubernetes (Video, HandsOn & Books)	David Strebel	article	No	https://medium.com/@strebeid/getting-started-with-kubernetes-d9a14955574b
Kubernetes Demos and Presentations by Apprenda	Apprenda	demos	No	https://apprenda.com/thank-you/kubernetes-demos-2/
Kubernetes: Understanding Pods vs. Containers	Tim Hockin	Presentation	No	https://speakerdeck.com/hockin/kubernetes-understanding-pods-vs-containers
Kubernetes Deep Dive: API Server – Part 2	@mhausenblas & @the1stein	article	No	https://blog.openshift.com/kubernetes-deep-dive-api-server-part-2/
Kubernetes Deep Dive: API Server – Part 3	@mhausenblas & @the1stein	article	No	https://blog.openshift.com/kubernetes-deep-dive-api-server-part-3a/
Kubernetes Webinar Series - Kubernetes Architecture 101	Jankiram & Associates	video	No	https://www.youtube.com/watch?v=zeS6OyDoy78
HowTos				
How to create CI/CD pipeline with autodeploy to Kubernetes using GitLab and Helm	@SergeyNuzhdin	HowTo		https://goo.gl/UKEFGI
Deploying Envoy With a Python Flask Web App and Kubernetes	Flynn	HowTo		https://goo.gl/QjdLJj
Getting Started with GitLab CI with Containers (Part 1)	@solidnerrd	HowTo		https://goo.gl/0uGJC4
Enabling FaaS on Kubernetes—a Proof of Concept Introduction	Hicham Tout	HowTo		https://goo.gl/qVM5dz
Using Helm to install Traefik as an Ingress Controller in Kubernetes	???	HowTo		https://goo.gl/WStngu
WordPress in Kubernetes: The Perfect Setup	Jorge Salamero Sanz	HowTo		https://goo.gl/ISZJKK
An Introduction to Kubernetes with Minikube	Mike Stowe	HowTo		https://goo.gl/4iWy6k
Building a multi-platform Kubernetes cluster	@kubernetesonam	Workshop		https://github.com/luxas/kubeadm-workshop
Journeys, Deploy Apps On BlueMix (Architecture Diagrams & more)	IBM	Journeys		https://developer.ibm.com/code/journey/category/container-orchestration/
Kubernetes on bare-metal in 10 minutes	@alexellisuk	HowTo		https://blog.alexellis.io/kubernetes-in-10-minutes/
Heptio Tutorials	@heptio	Tutorials		http://docs.heptio.com/content/tutorials.html
Manage Kubernetes Clusters on AWS Using Kops	Arun Gupta	HowTo		https://aws.amazon.com/de/blogs/compute/kubernetes-clusters-aws-kops/
Kops FastStart: Kubernetes Clusters on AWS (updated w/ HA section)	@cloudsskyone	HowTo		goo.gl/1GhSDG
Project Kubicom: Kubernetes On Any Cloud	@Kris_Nova	HowTo		https://www.nivenly.com/kubicom/
Kubernetes with Kubeadm on OpenStack and Anywhere	@cloudsskyone	HowTo		https://goo.gl/zmFVa3
Kubespray Essentials	@Futuredon	HowTo		https://futuredon.gitbooks.io/kubespray-essentials/content/
Securing Kubernetes Cluster Networking	@ahmetlb	HowTo		https://ahmet.im/blog/kubernetes-network-policy/
Kubernetes kubectll commands (NEW)	By k8s makers	HowTo		https://www.oreilly.com/learning/kubernetes-kubectll-commands
Bitnami How-To Guides For Kubernetes	By Bitnami	HowTo		https://docs.bitnami.com/kubernetes/how-to/
How to set up scaling and autoscaling in Kubernetes	Ifrit LTD	HowTo		https://ifritltd.com/2017/12/01/how-to-set-up-scaling-and-autoscaling-in-kubernetes/
Furikurl's Kubernetes example collection	Theo Pack	HowTo	No	https://furikurl.gitbooks.io/k8s-by-example/content/
Books				
Kubernetes Patterns	Bilgin Ibryam and Roland Huß	Book	Yes	https://leanpub.com/k8spatterns/
Kubernetes: Up and Running	Kelsey Hightower, Brendan Burns, Joe Beda	Book	Yes	http://shop.oreilly.com/product/0636920043874.do

Designing Distributed Systems	Brendan Burns	Book	Yes	http://shop.oreilly.com/product/0636920072768.do					
Kubernetes and Red Hat OpenShift	DAVID K. RENSIN	Book	No	https://www.openshift.com/promotions/kubernetes.html					
Awesome-Kubernetes (Git book)	Ramit Surana	Book	No	https://www.gitbook.com/book/ramitsurana/awesome-kubernetes/details					
Getting Started with Kubernetes - Second Edition	Jonathan Baier	Book	Yes	https://www.amazon.com/Getting-Started-Kubernetes-Jonathan-Baier/dp/1787283364/					
Mastering Kubernetes	Gigi Sayfan	Book	Yes	https://www.amazon.com/Mastering-Kubernetes-Gigi-Sayfan/dp/1786461005/					
Implementing Modern DevOps	David Gonzalez	Book	Yes	https://www.packtpub.com/networking-and-servers/implementing-modern-devops					

Kubernetes in Action

Kubernetes CookBook

Nice & important 2 Know

Kubernetes Replicas: Underappreciated Workhorses	OpenShift team (@mhausenblas)	Article	https://blog.openshift.com/kubernetes-replicas-appreciated-workhorses				
kubectl Resource Short-names	Ross Kukulinski	#HeptioProTip	https://blog.heptio.com/kubectl-resource-short-names-heptioprotip-c8eff9b7202				
How does the Kubernetes scheduler work?	Julia Evans	Article	https://lwn.ca/blog/2017/07/27/how-does-the-kubernetes-scheduler-work/				
faas-netes, a plugin to enable Kubernetes as a FaaS backend	@alexellisuk	Article	https://github.com/alexellis/faas-netes				
kubectl explain—#HeptioProTip	Ross Kukulinski	#HeptioProTip	https://blog.heptio.com/kubectl-explain-heptioprotip-ee883992a243				
Kubernetes tips & tricks	@Valentin_NC	Article	https://opsnotice.xyz/kubernetes-tips-tricks/				
Ephemeral CI Testing Environments with Heptio Ark	Andy Goldstein	#HeptioProTip	https://blog.heptio.com/ephemeral-ci-testing-environments-with-heptio-ark-heptioprotip-f22171fa0bba				
Using kubectl to jumpstart a YAML file—#HeptioProTip	Joe Beda	#HeptioProTip	https://blog.heptio.com/using-kubectl-to-jumpstart-a-yaml-file-heptioprotip-6f5b8a63a3ea				
10 Most Common Reasons Kubernetes Deployments Fail (Part 1+2)	Ross Kukulinski	Article	https://kukulinski.com/10-most-common-reasons-kubernetes-deployments-fail-part-1/				
Kubernetes NodePort vs LoadBalancer vs Ingress? When should I use what?	Sandeep Dinesh	Article	https://medium.com/google-cloud/kubernetes-nodeport-vs-loadbalancer-vs-ingress-when-should-i-use-what-922f10849e0				
Understanding Kubernetes networking: ingress	Mark Betz	Article	https://medium.com/google-cloud/understanding-kubernetes-networking-ingress-1bc341c84078				
Kubernetes TCP load balancer service on premise (non-cloud)	Anoop Vijayan Maniankara	Article	https://medium.com/@maniankara/kubernetes-tcp-load-balancer-service-on-premise-non-cloud-185c9fd8f43c				
Kubernetes Ingress 101: NodePort, Load Balancers, and Ingress Controllers	Richard Li	Article	https://blog.getambassador.io/kubernetes-ingress-nodeport-load-balancers-and-ingress-controllers-6e29f1c44fcd				
Studying the Kubernetes Ingress system	Hongli Lai	Article	https://www.joyfulbikeshedding.com/blog/2018-03-26-studying-the-kubernetes-ingress-system.html				
Kubernetes recipes: Maintenance and troubleshooting (new)	Sébastien Goasguen, Michael Hausenblas	Article	https://www.oreilly.com/deas/kubernetes-recipes-maintenance-and-troubleshooting				

For CKA(D) Candidates

CKA Practice Environment

(D) Curriculum	CNCF	https://kubermarts.github.io/kubermarts/kubermarts-training-course/content/sources/CNA_Preparation.html
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(1) **July 2008**

(1) edX course of "Introduction kubernetes"	https://www.edx.org/course/introduction-kubernetes-linuxfoundationx-lfs158x
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(2) Learn Kubernetes using Interactive Brow

(3) KTHW: Kubernetes The Hard Way (a must for CKAs)	Kelsey Hightower	course	https://github.com/kelsevhighower/kubernetes-the-hard-way			
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(4) **Kubermates By Example** (everybody should enjoy the

[illegible]

(5) What happens when you type `kubectl run`?

(6) Installing sock-shop on Kubernetes	Vishal Lal	guide	https://github.com/microservices-demo/microservices-demo/tree/master/deploy/kubernetes		
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(7) CKA Exam Guide

17) CRA Exam Guide	By Harshal, Arush	guide	https://docs.google.com/document/d/1N4fusLG9drQx7J3HlINsy59dvJh9kwvV6OidDVLc36Q/edit
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(8) My CKA exam “Kubernetes Certified Administrator”

(9) Exam Study and exercise list	Matt Fischer	https://docs.google.com/document/d/1AMVwyVabPoYt-o1k8Uo7UlmfsiQKVjHdDvK3QqbOM/edit
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(10) CKA Office Hours Working [

[illegible]

(11) Kubernauts Gitbooks

(12) CKAD Tips & Tricks Kubernauts Community https://docs.google.com/document/d/1qSY_keLNdOo53258wgV3eUjv-VxIR-qgsRmyXVxsRAo/edit#heading=h.1efzpwpxlvlu

(13) CKAD Guide

(14) CKAD Exercises	Dimitris Ilias Chonatzis	https://github.com/delonatzis/CKAD_exercises
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(14) ONAD Exercises

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CKA Candidate Handbook

Kubernetes Certified Administration

KTHW in VBox

Kubernetes

Sheet created and maintained by @kubernauts

If you know about other resources or lists, please suggest the links through comments in this sheet or reply to this tweet:

<https://twitter.com/kubernauts/status/860575553920925698>

If you're looking for a Vendor/Community-Maintained Kubernetes Offerings (Distros/PaaS/Managed), please follow this sheet created and maintained by Joseph Jacks (@asynchio).

<https://goo.gl/WyNWM5>

If you're using any Vendor/Community-Maintained Kubernetes Offerings, please take this survey:

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